**CERTIFICATE OF ANALYSIS**

**CERTIFICATE No:** CAN/2016-2017/48

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| **PRODUCT** | COSATRIM(R) SUSPENSION | | **REF. NO: NDQB201605970** |
| **DATE RECEIVED:** 26-05-2016 | **LABEL CLAIM:** | Each 5 mL contains: Sulphamethoxazole BP 200 mg and Trimethoprim BP 40 mg. | |
| **BATCH NO.:** 60322 | **PRESENTATION:** | Pink coloured, viscous suspension for oral administration, contained in a 100 mL amber coloured plastic bottle, packed along with a 15 mL graduated plastic measuring cap in a unit box. | |
| **MFG. DATE:** Apr. 2016 | **MANUFACTURER:** | COSMOS Limited. | |
| **EXP. DATE:**  Mar. 2019 | **ADDRESS:** | Rangwe Rd; Off Lunga Lunga Rd, P.O. Box 41433 - 00100, Nairobi, KENYA. | |
| **CLIENT REF NO:** | **CLIENT:** | Kenya Medical Supplies Authority P.O. Box 47715 - 00100, Nairobi, KENYA. | |
|  | **TEST(S) REQUESTED:** | Microbial Load, Identification, Assay, Acidity/Alkalinity | |

**RESULTS**

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| **TEST** | **METHOD** | **COMPEDIA** | **SPECIFICATION** | **DETERMINED** | **REMARKS** |
| **Microbial Load** | Plate count | BP 2016 Vol. V App. XVI B | Total Aerobic Microbial Count (TAMC) NMT 200 CFU/mL | < 10 CFU / mL | **COMPLIES** |
| **Microbial Load** |  |  | Total Combined Yeasts /Moulds Count (TYMC) NMT 20 CFU/mL | < 10 CFU / mL | **COMPLIES** |
| **Identification** | HPLC | USP 38 NF 33 Page 5397 | RT of the component peaks in the assay sample preparation correspond to those in the assay standard preparation | Super-imposable peak at RT 2.7 & 4.9 -/+ 10% min. present in both the assay sample and standard preparations | **COMPLIES** |
| **Acidity/Alkalinity** |  | USP 38 NF 33 Page 5397 | 5.0 - 6.5 | 5.8 | **COMPLIES** |
| **Assay** | HPLC | USP 38 NF 33 Page 5397 | 90.0 - 110.0% | Sulfamethoxazole 95.5% (RSD=0.1%, n=9) | **COMPLIES** |
| **Assay** |  |  |  | Trimethoprim 96.4% (RSD=0.1%, n=9) |  |

**CONCLUSION:** The product complies with the specifications for the tests performed.

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| **ANALYST:** | MR. E. NGAMAU | .......................................................... | DATE: 05-27-2016 |
| **ANALYST:** | MR. M. SANGALE | .......................................................... | DATE: 05-27-2016 |
| **ANALYST:** | DR. N. MWAURA | .......................................................... | DATE: 06-27-2016 |
| **ANALYST:** | ERNEST MBAE | .......................................................... | DATE: 08-02-2016 |
| **DIRECTOR:** | HEZEKIAH CHEPKWONY | .......................................................... | DATE: 08-04-2016 |